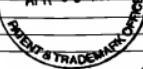


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/586,533
Date Submitted: April 6, 2009			Filing Date	02/08/2005
(use as many sheets as necessary)			First Named Inventor	Hirofumi YASUDA
Sheet	1	of	Art Unit	1793
			Examiner Name	Cam N. NGUYEN
			Attorney Docket Number	040302-0579

APR 06 2009



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Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/CNN/	A1	US-2001/0004832-A1	06-28-2001	HANAKI ET AL.	
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Examiner Signature	/Cam N. Nguyen/	Date Considered	06/04/2009
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/586,533	
Date Submitted: April 6, 2009 (use as many sheets as necessary)			Filing Date	02/08/2005	
Sheet	2	of	6	First Named Inventor	Hirofumi YASUDA
				Art Unit	1793
				Examiner Name	Cam N. NGUYEN
				Attorney Docket Number	040302-0579

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Examiner Signature	/Cam N. Nguyen/	Date Considered	06/04/2009
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Date Submitted: April 6, 2009

(use as many sheets as necessary)

## Complete if Known

Application Number	10/586,533
Filing Date	02/08/2005
First Named Inventor	Hirofumi YASUDA
Art Unit	1793
Examiner Name	Cam N. NGUYEN
Attorney Docket Number	040302-0579

Sheet

3

of

6

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Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Document	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number-Kind Code <sup>3</sup> (if known)	MM-DD-YYYY		
/CNN/	A100	11/722275	06-20-2007	NAKAMURA ET AL.	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
/CNN/	A101	JP-09-122492-A	05-13-1997	NISSAN MOTOR CO., LTD.	
/CNN/	A102	JP-10-216517-A	08-18-1998	TOYOTA MOTOR CORP.	Abst.
/CNN/	A103	EP-1 043 065-A1	10-11-2000	TOYOTA JIDOSHA KABUSHIKI KAISHA	Abst.
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/CNN/	A105	JP-2000-015098-A	01-18-2000	JAPAN SCIENCE & TECHNOLOGY CORP., ET AL.	Abst.

Examiner Initials	/Cam N. Nguyen/	Date Considered	06/04/2009

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Date Submitted: April 6, 2009		Filing Date	02/08/2005
(use as many sheets as necessary)		First Named Inventor	Hirofumi YASUDA
Sheet	4	Art Unit	1793
	of	Examiner Name	Cam N. NGUYEN
		Attorney Docket Number	040302-0579

FOREIGN PATENT DOCUMENTS					
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	A107	JP-2000-279824-A	10-10-2000	TANAKA PRECIOUS METAL IND., ET AL.	Abst.
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/CNN/	A132	WO-97/09114-A1	03-13-1997	INSTITUTIONEN FOR KEMITEKNIK KEMISK TEKNOLOGI KTH	

Examiner Signature	/Cam N. Nguyen/	Date Considered	06/04/2009
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Date Submitted: April 6, 2009 <i>(use as many sheets as necessary)</i>		Filing Date	02/08/2005
Sheet 5 of 6		First Named Inventor	Hiroyumi YASUDA
		Art Unit	1793
		Examiner Name	Cam N. NGUYEN
		Attorney Docket Number	040302-0579

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
/CNN/	A133	A. Martinez-Arias et al., "Study of the lean NO <sub>x</sub> reduction with C3H <sub>6</sub> in the presence of water over silver/alumina catalysts prepared from inverse microemulsions," <i>Applied Catalysts B: Environmental</i> , Vol. 28, 2000, pages 29-41.	
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Examiner Signature	/Cam N. Nguyen/	Date Considered	06/04/2009
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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/586,533
Date Submitted: April 6, 2009 (use as many sheets as necessary)		Filing Date	02/08/2005
Sheet	6	First Named Inventor	Hirofumi YASUDA
	of 6	Art Unit	1793
		Examiner Name	Cam N. NGUYEN
		Attorney Docket Number	040302-0579

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>6</sup>
/CNN/	A146	M. NAKAMURA et al., US PTO Office 10/589,890, dated 07-15-2008, 5 pgs.		
	A147	M. NAKAMURA et al., US PTO Office 10/589,890, dated 11-19-2008, 13 pgs.		
	A148	M. NAKAMURA et al., US PTO Office Action 10/584,243, dated 08-06-2008, 5 pgs.		
	A149	M. NAKAMURA et al., US PTO Office Action 10/584,243, dated 12-26-2008, 24 pgs.		
	A150	PH. BUFFAT AND J-P BOREL, "Size effect on the melting temperature of gold particles," Physical Review A, June 1976, Vol. 13, No. 6, 12 pgs.		
	A151	R. WILLIS, "PUMICE, Porous Volcanic Rock," Online, XP002364316, URL: <a href="http://ceramic-materials.com/cermat/material/2009.htm">http://ceramic-materials.com/cermat/material/2009.htm</a> .		
	A152	S. ERIKSSON, et al., "Preparation of Catalysts from Microemulsions and Their Applications in Heterogeneous Catalysis," Applied Catalysis A: General, Vol. 265, No. 2, July 8, 2004, pp. 207-219.		
	A153	T. Kinoshita et al., "Magnetic evaluation of nanostructure of gold-iron composite particles synthesized by a reverse micelle method," Journal of Alloys and Compounds, Vol. 359, No. 1-2, Sept. 22, 2003, pages 46-50.		
V	A154	T. Shimizu et al., "Size Evolution of Alkanethiol-Protected Gold Nanoparticles by Heat Treatment in the Solid State", J. Phys. Chem. B, 107, 2003, pages 2719-2724.		
/CNN/	A155	W.Y. Kim et al., "Methanol synthesis from syngas over supported palladium catalysts prepared using water-in-oil microemulsion," Applied Catalysis A: General, Vol. 169, 1998, pages 157-164.		

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